

### **ABSTRACT OF THE DISCLOSURE**

The power transmission system of an engine is mounted on the all-terrain vehicle and has a crankshaft driven by the engine and the crankshaft is arranged in a direction of width of a vehicle body. A sub-shaft is arranged parallel to the crankshaft and the rotation of the crankshaft is transmitted to the sub-shaft via gears. A primary shaft is concentrically mounted on the sub-shaft and is provided with a primary pulley having a variable groove width. A secondary pulley coupled to the primary pulley via a V-belt and having a variable groove width. The rotation of the crankshaft is transmitted to the primary shaft via the sub-shaft arranged parallel to the crankshaft.